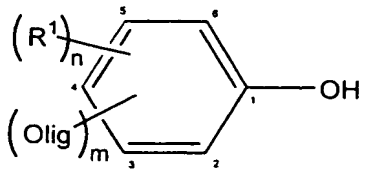
Abstract

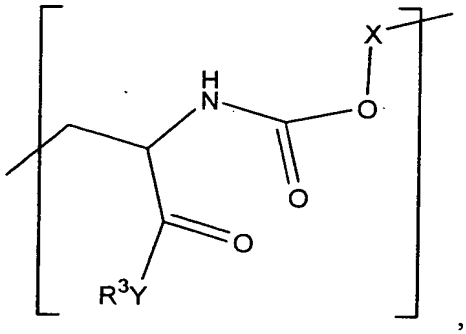
The present invention provides a compound having a formula:



(Formula 1)

where R^1 is selected from the group consisting of alkyl, $-CH_2(OC_2H4)OCH_3$, and $-(OC_2H_4)OCH_3$; n is 0-4; Olig is an oligomer having a formula:

where L is a optional linker moiety selected from the group consisting of $-CH_2O-$, $-CH_2OX-$, -OX-, -C(O)-, -C(O)X, -NH-, -NHC(O)-, -XNHC(O)-, -NHC(O)X-, -C(O)NH-, -C(O)NHX-, and



where X is $alkyl_{1-6}$ or is not present, Y is N or O or is not present, and R^3 is $alkyl_{1-6}$; PAG is a linear or branched polyalkylene glycol moiety; R^2 is an $alkyl_{1-22}$ capping moiety if X is present or $alkyl_{2-22}$ if X is not present; and q is a number from 1 to the maximum number of branches on PAG; and m is 1-5.